

IN THE SPECIFICATION

Please replace the abstract with the following abstract. No new matter is presented.

A spinal prosthesis system having a caudal prosthesis provided with a pair of pedicle anchors for coupling to an inferior vertebral body, the caudal prosthesis including an artificial caudal facet joint structure comprising a pair of caudal bearing surfaces. A cephalad prosthesis is provided with a second pair of pedicle anchors for coupling to a superior vertebral body. The cephalad prosthesis includes an artificial cephalad facet joint structure having a pair of cephalad bearing surfaces. An artificial facet joint is formed between the adjoining vertebral bodies by articulation of the artificial caudal facet joint structure with the artificial cephalad facet joint structure.